

GenCore version 4.5
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OM protein - protein search, using sw model

Run on: January 15, 2002, 21:44:38 ; Search time 38.9 Seconds
(without alignments)
228.504 Million cell updates/sec

Title: US-09-457-066-2_COPY_226_345

Perfect score: 666
Sequence: 1 AFVFGKSRVVDLNLITEV.....DVALEHHECDVCVCGSTGG 120

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 522463 seqs, 74073290 residues

Total number of hits satisfying chosen parameters: 522463

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

A_Geneseq_1101.*
1: /SIDS2/gcgdata/geneseq/geneseq/AA1980.DAT.*
2: /SIDS2/gcgdata/geneseq/geneseq/AA1981.DAT.*
3: /SIDS2/gcgdata/geneseq/geneseq/AA1982.DAT.*
4: /SIDS2/gcgdata/geneseq/geneseq/AA1983.DAT.*
5: /SIDS2/gcgdata/geneseq/geneseq/AA1984.DAT.*
6: /SIDS2/gcgdata/geneseq/geneseq/AA1985.DAT.*
7: /SIDS2/gcgdata/geneseq/geneseq/AA1986.DAT.*
8: /SIDS2/gcgdata/geneseq/geneseq/AA1987.DAT.*
9: /SIDS2/gcgdata/geneseq/geneseq/AA1988.DAT.*
10: /SIDS2/gcgdata/geneseq/geneseq/AA1989.DAT.*
11: /SIDS2/gcgdata/geneseq/geneseq/AA1990.DAT.*
12: /SIDS2/gcgdata/geneseq/geneseq/AA1991.DAT.*
13: /SIDS2/gcgdata/geneseq/geneseq/AA1992.DAT.*
14: /SIDS2/gcgdata/geneseq/geneseq/AA1993.DAT.*
15: /SIDS2/gcgdata/geneseq/geneseq/AA1994.DAT.*
16: /SIDS2/gcgdata/geneseq/geneseq/AA1995.DAT.*
17: /SIDS2/gcgdata/geneseq/geneseq/AA1996.DAT.*
18: /SIDS2/gcgdata/geneseq/geneseq/AA1997.DAT.*
19: /SIDS2/gcgdata/geneseq/geneseq/AA1998.DAT.*
20: /SIDS2/gcgdata/geneseq/geneseq/AA1999.DAT.*
21: /SIDS2/gcgdata/geneseq/geneseq/AA2000.DAT.*
22: /SIDS2/gcgdata/geneseq/geneseq/AA2001.DAT.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
1	666	100.0	318	21	AA1984558
2	666	100.0	339	21	AA1984538
3	666	100.0	345	20	AA1983679
4	666	100.0	345	20	AA1981766
5	666	100.0	345	20	AA1983023
6	666	100.0	345	21	AA1986857
7	666	100.0	345	21	AA19824250
8	666	100.0	345	21	AA1984322
9	666	100.0	345	21	AA19810633
10	666	100.0	345	21	AA19810634
11	666	100.0	345	21	AA19810635

12	666	100.0	345	21	AA19810636
13	666	100.0	345	21	AA19810644
14	666	100.0	345	21	AA19810650
15	666	100.0	345	21	AA19810651
16	666	100.0	345	21	AA19819578
17	666	100.0	345	21	AA19833414
18	666	100.0	345	21	AA19824412
19	666	100.0	345	21	AA19814119
20	666	100.0	345	21	AA19803003
21	666	100.0	345	21	AA1986858
22	666	100.0	345	21	AA1984557
23	666	100.0	345	21	AA198285
24	666	100.0	345	22	AA19812314
25	666	100.0	345	22	AA1984028
26	666	100.0	345	22	AA1982649
27	666	100.0	345	22	AA1980097
28	666	100.0	345	22	AA1980980
29	666	100.0	345	22	AA198985
30	666	100.0	345	22	AA1983074
31	666	100.0	374	21	AA19810639
32	662	99.4	121	22	AA1984034
33	662	99.4	123	22	AA1984033
34	656	98.5	354	21	AA19810640
35	656	98.5	354	21	AA19810641
36	646	97.0	149	21	AA19810642
37	624	93.7	345	21	AA1984658
38	624	93.7	345	21	AA1986861
39	624	93.7	345	21	AA1984559
40	624	93.7	345	22	AA1980098
41	607	91.1	113	21	AA19810631
42	607	91.1	113	21	AA19810632
43	590.5	88.7	227	21	AA19810637
44	590.5	88.7	227	21	AA19810638
45	324	48.6	132	22	AA19800699

ALIGNMENTS

RESULT 1

AA1984558
ID AA1984558 standard; Protein: 318 AA.

XX AC AA1984558;

XX DT 25-JUL-2000 (first entry)

XX DE A fragment of platelet-derived growth factor C (PDGF-C).

XX DE Platelet-derived growth factor C; PDGF-C; cell proliferation;

KW growth factor; heparin; connective tissue; wound healing; VEGF-F;

KW fibroblast mitogenesis; PDGF alpha receptor activation; tumour growth;

KW choriocarcinoma; Wilms tumour; megakaryoblastic leukaemia;

KW lung carcinoma; erythroleukemia; tissue remodelling.

XX OS Homo sapiens.

XX FH Key Location/Qualifiers

FT Misc-difference 287 /note= "encoded by AAS"

XX PN WO200018212-A2.

XX PD 06-APR-2000.

XX PF 30-SEP-1999; 99WO-US222668.

XX PR 30-SEP-1998; 98US-0102461.

PR 12-NOV-1998; 98US-0108109.

PR 03-DEC-1998; 98US-0110749.

PR 18-DEC-1998; 98US-0113002.

PR 21-MAY-1999; 99US-0135426.

PR 15-JUL-1999; 99US-0144022.